

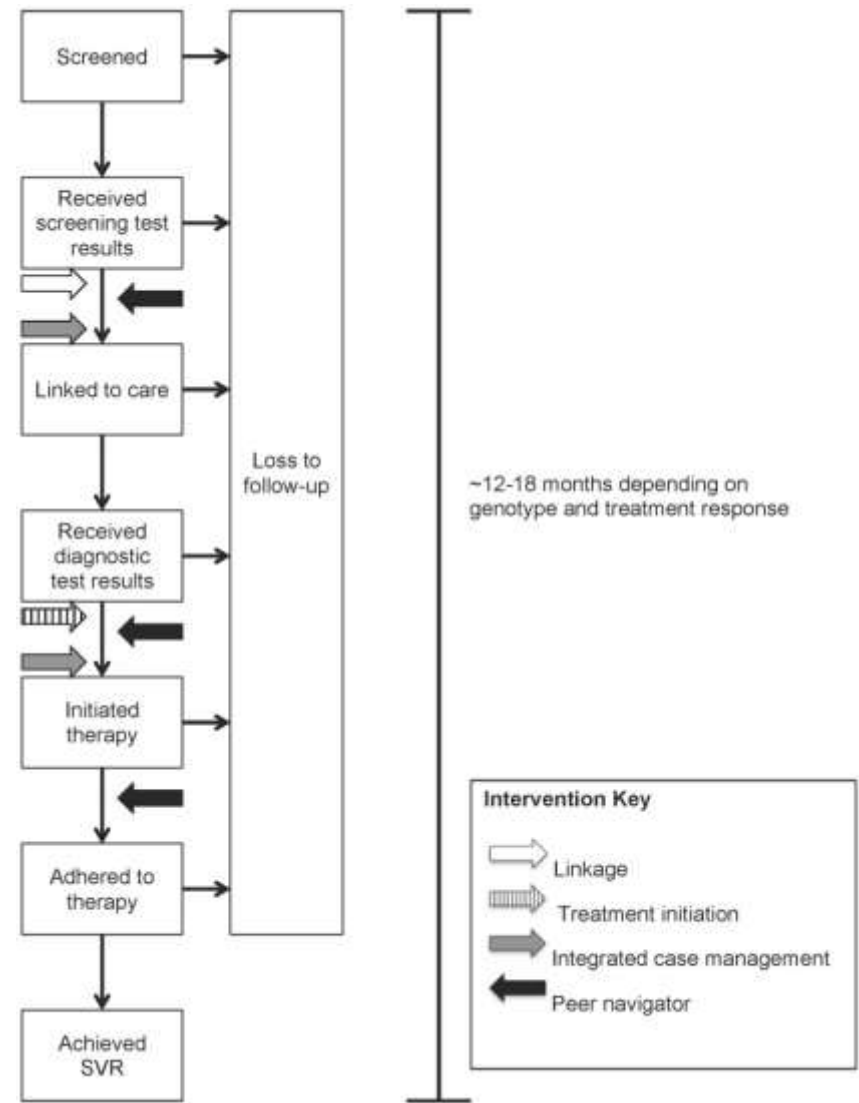
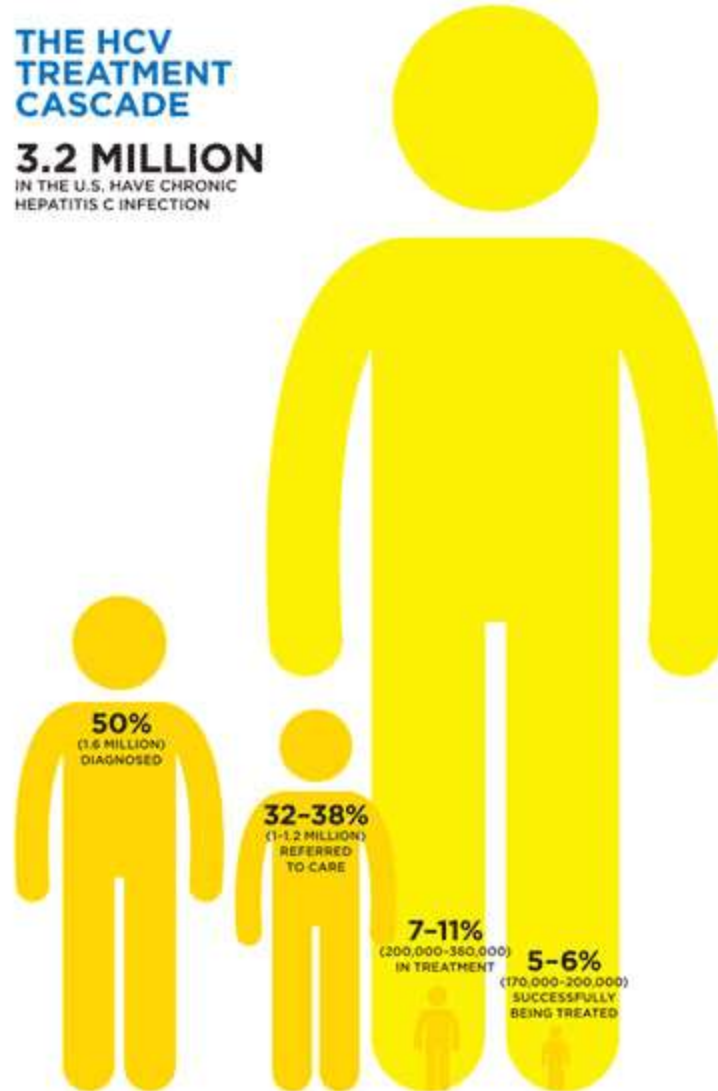
HCV Cascade and Available Resources

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Liver Health Outreach

HCV Treatment & Testing Cascade

THE HCV TREATMENT CASCADE

3.2 MILLION
IN THE U.S. HAVE CHRONIC
HEPATITIS C INFECTION



Typical HCV Process

Funding:
Pharmaceutical
or Federal Grant



Need to secure funding for the staff, testing, education, and supplies.

Clients Tested



Clients offered rapid HCV Ab test

Some programs stop here (Ab test only)

Positive Patients
Identified



Positive clients identified and told to go to PCP or get insurance

Most programs stop here for uninsured

Insured Client



Client can access PCP and Hepatologists readily

Uninsured Client



Client has to access County Indigent Health Program or Clinical Trials. This is a long process and both have waiting lists. Cumbersome and not easy to navigate.

Liver Health Outreach HCV Process

Funding:
Grants, Pharma,
Private,
Foundations,
Partnerships



Funding secured for HCV testing

Collaborations:
Labs, Clinics,
HIV/STD orgs,
etc.



Identify collaborations in the community that may be able to offer discounted or free services (labs, staff) or use of their facilities.

**FQHC,
HIV/STD orgs,
County Health
Depts.**



Offer testing at various organizations that have at-risk/high-risk clientele (ie: 800-72-LIVER free testing anywhere Quest is located in Texas, 22 testing sites, outpatient lab, etc.)

Liver Health Outreach HCV Process

HCV Antibody
Testing



Clients offered HCV Ab test (traditional or rapid)

Patients
Identified



If HCV Ab positive, client offered HCV RNA
(Confirmatory) and Genotype

Resources
Assessed



Client is informed via phone or mail. All
available resources mentioned (ie:
clinical trials, County Indigent Health
Programs, FQHC, Project ECHO)

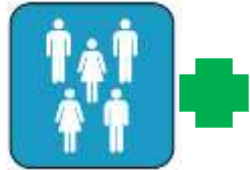
Follow-up



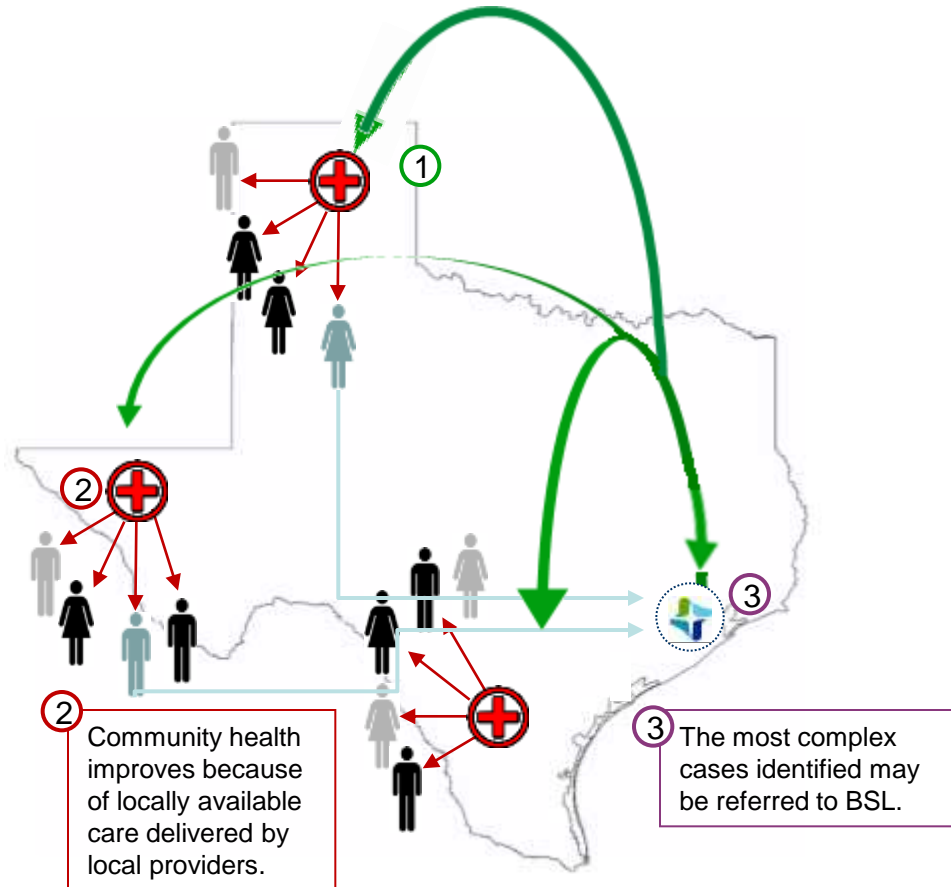
LHO calls each client 3 months after
being told of HCV diagnosis to see if they
are seeking treatment or any questions

HCV Process

Project ECHO Texas



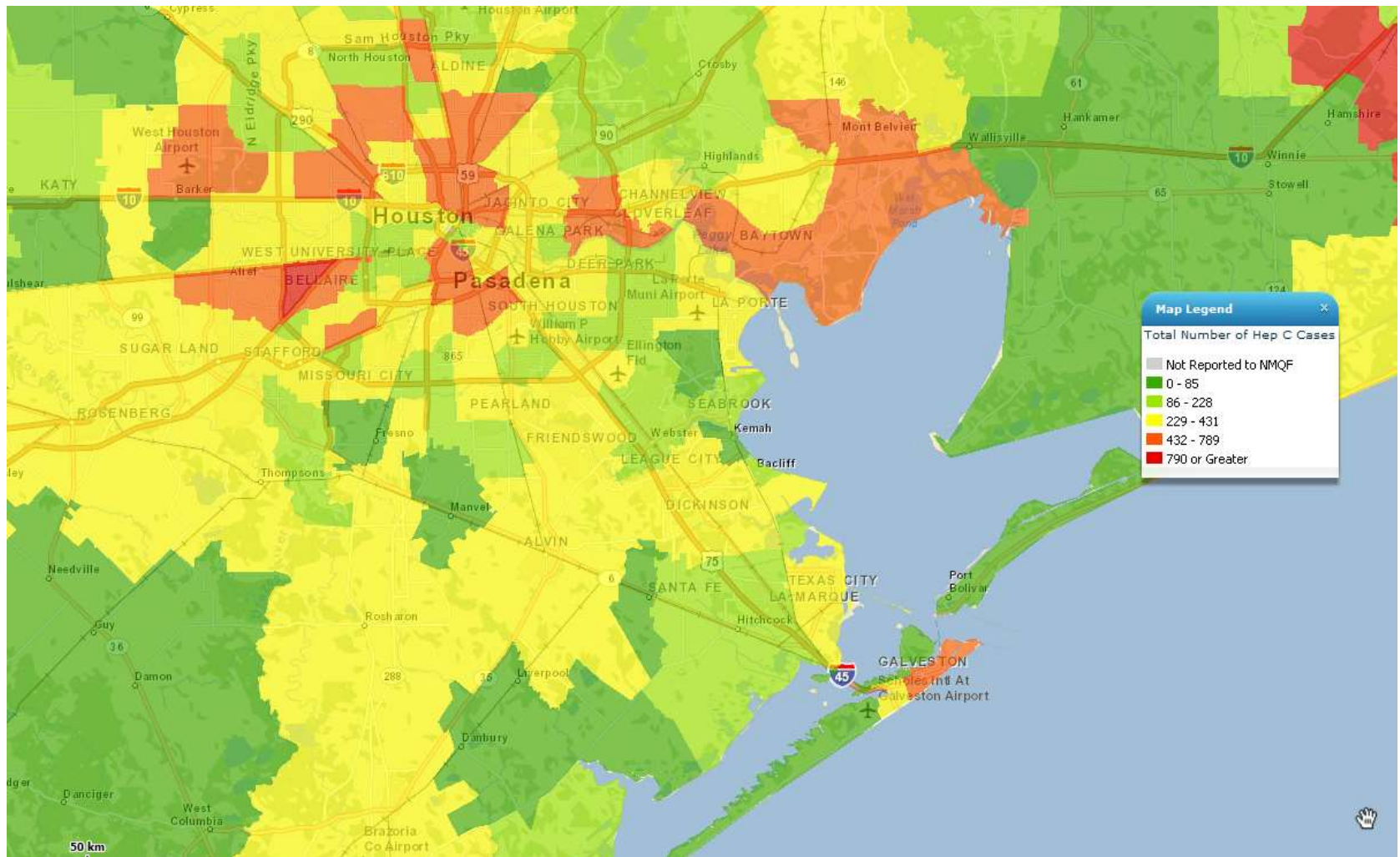
1 Telehealth uses Baylor St.Luke's (BSL) specialists to coach primary care providers to practice at the top of their specialty. They manage the disease and triage into ECHO due to limited resources within their community.



Liver Health Outreach Resources

- Environment (Landscape) Assessment – what are the resources in the area (hepcdiseaseindex.com / http://www.texas cancer.info/access/accesstocare_pdfs.html)
- HCV Advocate.org – lots of updated hepatitis information in numerous languages
- Help4Hep – (877-Help-4-Hep) - non-profit toll-free helpline for those with concerns about hepatitis C.
- ClinicalTrials.gov – search for hepatitis clinical trials in your city or state
- DSHS - County Indigent Health Care Program Directory of County Contacts -This directory has been compiled using information provided by counties, hospital districts, and public hospitals. The directory is intended to provide a point of contact within a county.
- Search for Hepatologists online (Texas Medical Association, Medical Societies)
- Pharmaceutical Medication Assistance Programs

Hepatitis C Prevalence Map (South Texas)



Information about the prevalence of Hepatitis C is critical to monitor prevention efforts. We modeled the prevalence of Hepatitis C by the demographic risk factors of age, gender, race/ethnicity, and poverty status using Bayesian hierarchical regression model and data from the 1999–2006 National Health and Nutrition Examination Survey (NHANES). [1] We then applied the models to zip code demographics to estimate Hepatitis C prevalence within zip codes. <http://hepcdiseaseindex.com/>

Liver Health Outreach Example:

- Identify area that needs HCV testing & resources (ie: Harris County)
- Identify FQHC's, rural clinics, and organizations willing to perform HCV testing (ie: CCCHC)
- If organization is interested, CHI St. Luke's drafts up Agreement
- Once Agreement is signed Liver Health Outreach works with organization to determine if they want rapid or traditional testing, can perform confirmatory tests, Quest can pick up specimens & locations nearby, and what are the current resources in the area.
- Identify a PA, NP, Fellow, or MD with a passion to help treat HCV clients in the area.
- Train provider through telementoring program – Project ECHO
- The provider gains confidence in treating HCV and starts with the assistance of BSLMC physicians & team. New treatments are going to make it easier for providers to treat.
- Provider performs basic blood panel (CBC, INR, etc.) since LHO does the RNA/Genotype
- Provider presents cases to Project ECHO team and treatment recommendations are given.
- Provider goes through Medication Assistance Programs to obtain free drug(s) for client.
- Provider treats client. Provider gains confidence in treating HCV.





Rapid HCV Test

Trad. HCV Test

HCV Ab w/ Reflex RNA

HCV RNA w/ Reflex Geno

HBV Tests



800-72-LIVER

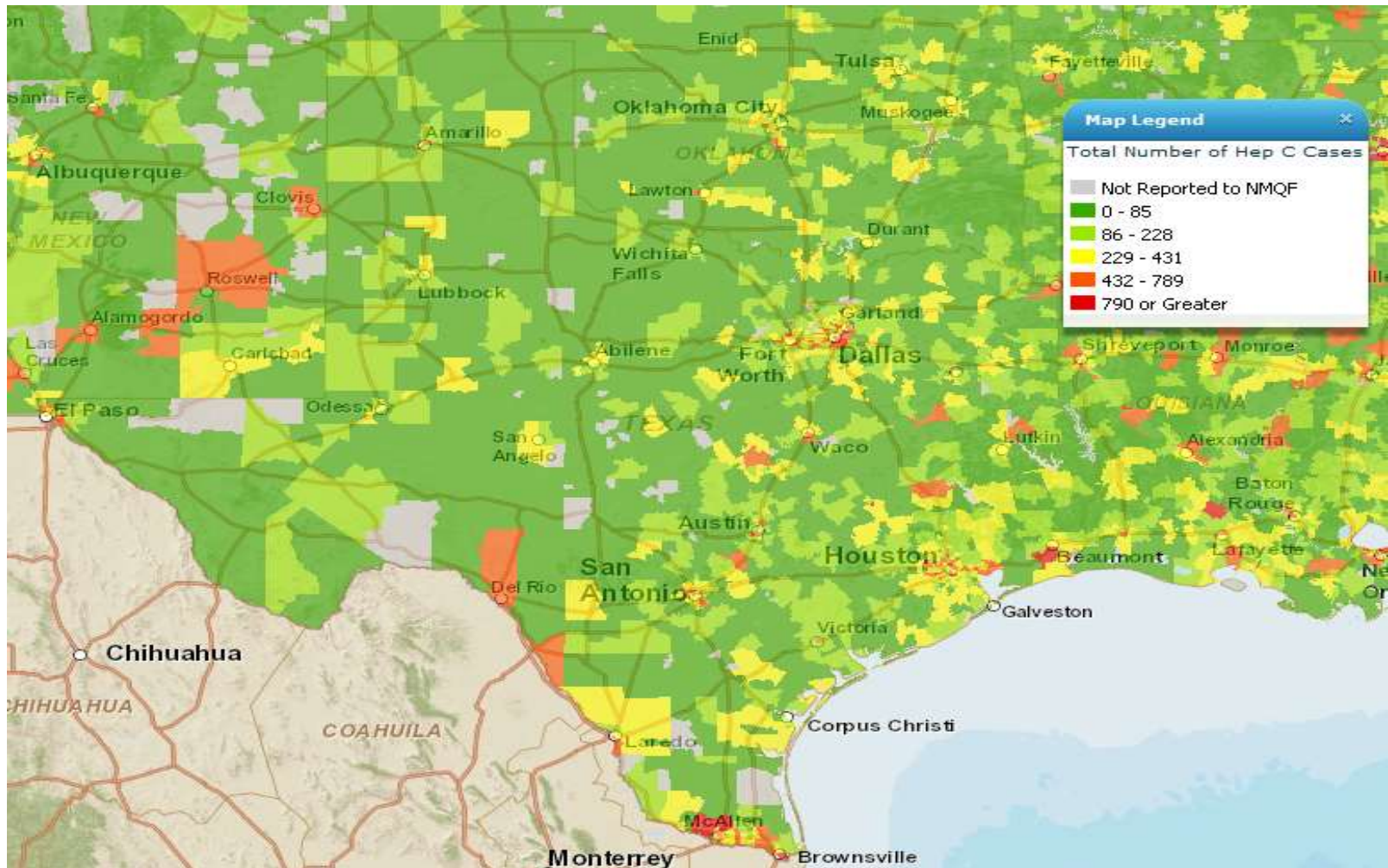
Partnerships

Health Fairs

Walk-in

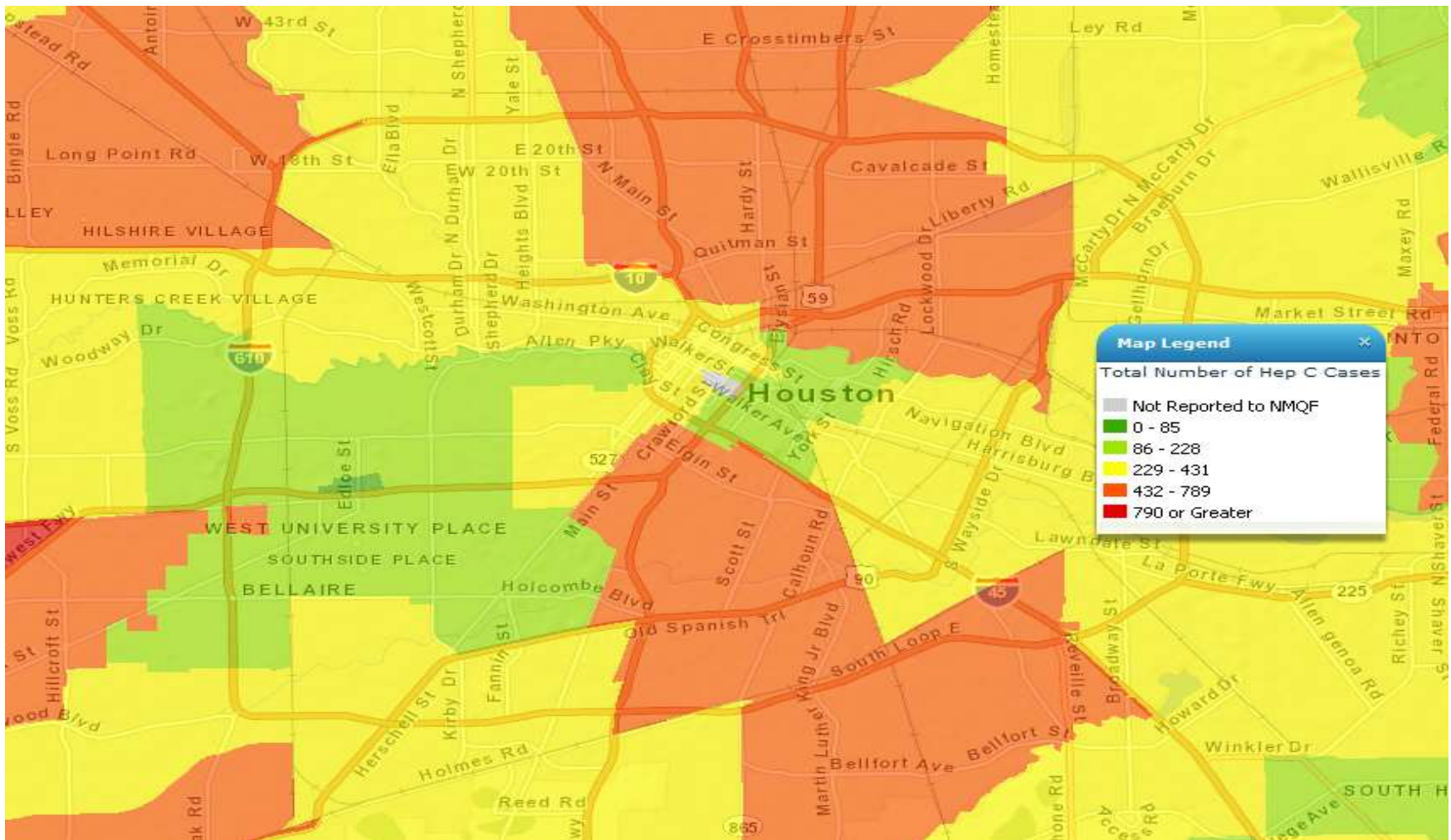
CHI St. Luke's
(CEC, Lab, Clinics)

Texas Hepatitis C Prevalence Map (by ZIP)



Information about the prevalence of Hepatitis C is critical to monitor prevention efforts. We modeled the prevalence of Hepatitis C by the demographic risk factors of age, gender, race/ethnicity, and poverty status using Bayesian hierarchical regression model and data from the 1999–2006 National Health and Nutrition Examination Survey (NHANES). [1] We then applied the models to zip code demographics to estimate Hepatitis C prevalence within zip codes. <http://hepcdiseaseindex.com/>

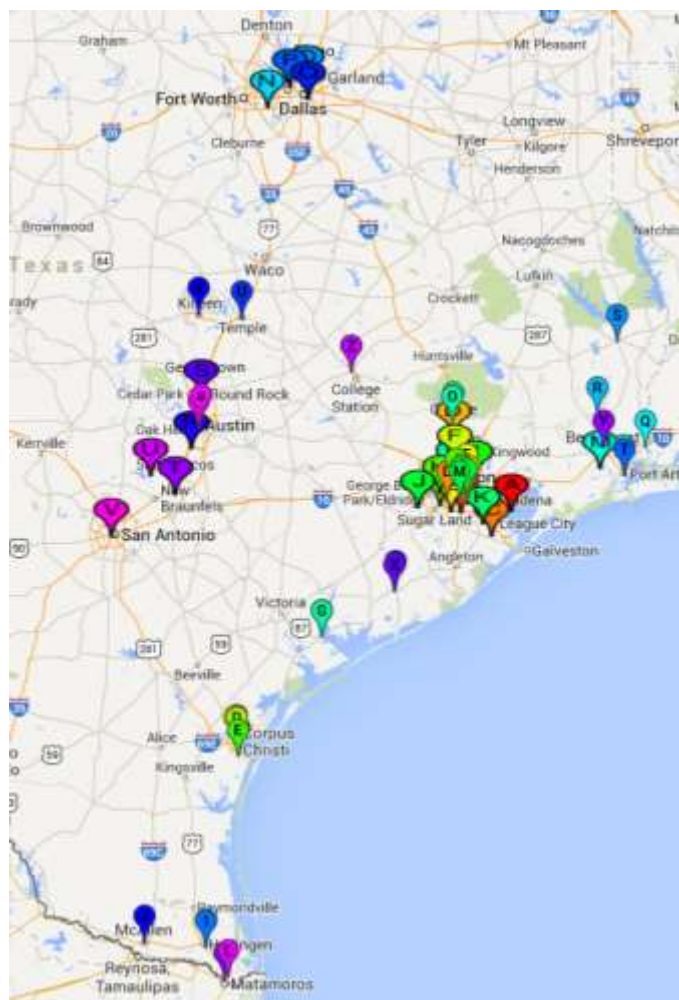
Houston Hepatitis C Prevalence Map (Houston)



Information about the prevalence of Hepatitis C is critical to monitor prevention efforts. We modeled the prevalence of Hepatitis C by the demographic risk factors of age, gender, race/ethnicity, and poverty status using Bayesian hierarchical regression model and data from the 1999–2006 National Health and Nutrition Examination Survey (NHANES). [1] We then applied the models to zip code demographics to estimate Hepatitis C prevalence within zip codes.

<http://hepcdiseaseindex.com/>

Key Community Stakeholders



- Central Care Community Health C
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- HDHHS - Health Center (Sharpsto
- HDHHS - Health Clinic (Sunnyside
- HDHHS - Health Center (Northside
- AAMA
- Career & Recovery Resources, Inc
- Change Happens CDC
- Houston Area Community Service
- Legacy Community Health Service
- Planned Parenthood Gulf Coast
- St. Luke's Liver Health Outreach
- Inclusive Healthcare Group
- Lone Star Family Health Center
- Gulf Coast Health Center, Inc. - Ma
- Gulf Coast Health Center Inc - Ora
- Gulf Coast Health Center - Silsbee
- Gulf Coast Health Center Inc - Jas
- Gulf Coast Health Center - Port Ari
- BCPHD - Temple
- BCPHD - Killeen
- Mehop
- Matagorda Regional Medical Cent
- Triangle AIDS Network
- Brazos Co. HD
- The Wright House Wellness Cente
- Austin Health & Human Services I

- Right Step - Baytown
- Right Step - Houston Central
- Right Step - Clear Lake
- Right Step - Conroe
- Right Step - Houston Galleria
- Right Step - The Woodlands
- Right Step - Houston West
- Right Step - Houston Northwest
- Right Step - Humble
- Right Step - Katy
- Right Step - Pasadena
- Right Step - North
- Right Step - Beaumont
- Right Step - DFW Central
- Right Step - Plano
- Right Step - Carrollton
- Right Step - Dallas North
- Right Step - Austin
- Right Step - Georgetown
- Right Step - San Marcos
- Right Step - Hill Country
- Right Step - San Antonio

- CBWF
- Valley AIDS Council-Corpus Christi
- Christus Spohn Memorial Hospital
- Christus Spohn Hospital Shoreline
- Christus Spohn Hospital
- Port Lavaca Clinic Associates
- Memorial Medical Center
- Valley Baptist Medical Center
- Valley AIDS Council-Harlingen
- Valley Aids Council-McAllen
- Valley AIDS Council - Brownsville
- Brownsville Community Health

ClinicalTrials.gov

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